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(54) INTERACTIVE ELECTRONIC BOOK

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Related U.S. Application Data

- (63) Continuation-in-part of application No. 08/336,247, filed on Nov. 7, 1994, now Pat. No. 5,986,690, and a continuation-in-part of application No. 08/160,194, filed on Dec. 2, 1993, now Pat. No. 5,990,927, and a continuation-in-part of application No. 08/906,469, filed on Aug. 5, 1997, now Pat. No. 6,408,437, which is a continuation of application No. 08/160,281, filed on Dec. 2, 1993, now Pat. No. 5,798,785, which is a continuation of application No. 09/237,828, filed on Jan. 27, 1999, now Pat. No. 7,401,286, which is a continuation of application No. 09/237,827, filed on Jan. 27, 1999, now abandoned.
- (51) **Int. Cl.** *G09B 29/00* (2006.01)

(56) References Cited

U.S. PATENT DOCUMENTS

3,860,873 A 3,891,792 A 6/1975 Kimura 3,978,470 A 8/1976 McGuire (Continued)

FOREIGN PATENT DOCUMENTS

CA	2044574	12/1992
CA	2257659	11/1993
	,	ntinued) JBLICATIONS

Antelman et al. "Collection Development in the Electronic Library," Proceedings of the 21rst annual ACM SIGUCCS Conference on User Services, San Diego, CA, p. 50-56, 1993.

(Continued)

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(57) ABSTRACT

An interactive electronic book provides a user access to interactive programming. The interactive programming may include interactive files that are linked to the electronic books using electronic links. The electronic links may be included in the text and graphics data of the electronic book. The interactive files may be located in the same file as the interactive electronic book, or may be located external to the interactive electronic book. External locations include an Internet web site, an electronic book viewer and other external locations. Access to the interactive file may be controlled by an operating program and a security program included with the interactive electronic book. The interactive file may include sample problems and quizzes associated with a college textbook, for example. The interactive files may also include accesses to Internet web sites, and other electronic files to complete purchase orders, answer questionnaires, and to receive other data.

15 Claims, 43 Drawing Sheets

